

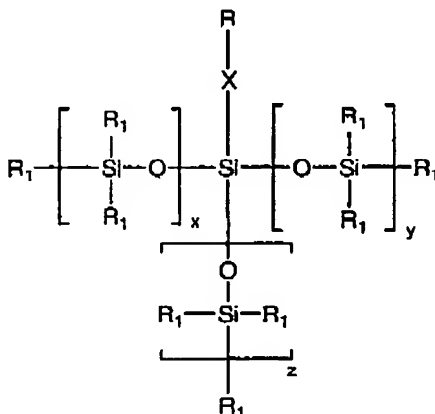
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**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application

**LISTING OF THE CLAIMS****Claims 1-6 (canceled)**

**Claim 7 (currently amended):** A polymeric composition produced through the polymerization of one or more siloxysilane monomers comprising:



wherein R is a polymerizable group; X is selected from the group consisting of C<sub>1-10</sub> alkylene, C<sub>1-10</sub> alkyleneoxy, C<sub>6-36</sub> arylene and C<sub>6-36</sub> aryleneoxy; the R<sub>1</sub> groups are the same or different and are selected from the group consisting of C<sub>6-36</sub> aryl ether and C<sub>1-10</sub> alkyl ether; x, y, and z are the same or different ~~non-negative integer less than 101~~ integers such that 1 ≤ x, y, z < 101; and said polymeric composition having a modulus approximately 4333 g/mm<sup>2</sup> or less.

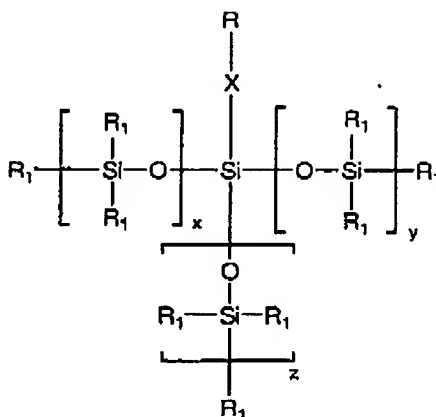
**Claim 8 (previously presented):** A polymeric composition produced through a copolymerization of one or more monomers of claim 7 with one or more aromatic or non-aromatic non-siloxo-based monomers.

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**Claim 9 (previously presented):** A polymeric composition produced through a copolymerization of one or more monomers of claim 7 with one or more hydrophobic monomers.

**Claim 10 (previously presented):** A polymeric composition produced through a copolymerization of one or more monomers of claim 7 with one or more hydrophilic monomers.

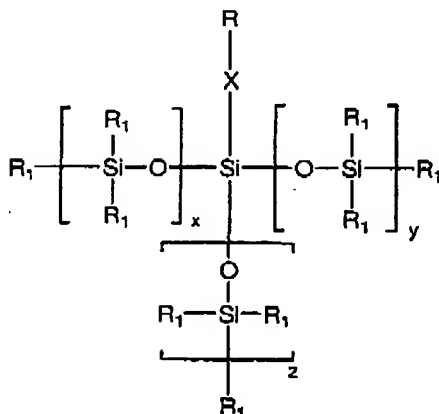
**Claim 11 (currently amended):** A polymeric composition produced through a copolymerization of one or more siloxysilane monomers with one or more aromatic or non-aromatic non-siloxy-based monomers, said one or more siloxysilane comprising:



wherein R is a polymerizable group; X is selected from the group consisting of C<sub>1-10</sub> alkylene, C<sub>1-10</sub> alkyleneoxy, C<sub>6-36</sub> arylene and C<sub>6-36</sub> aryleneoxy; the R<sub>1</sub> groups are the same or different and are selected from the group consisting of C<sub>6-36</sub> aryl ether and C<sub>1-10</sub> alkyl ether; x, y, and z are the same or different ~~non-negative integer less than 101~~ integers such that 1 ≤ x, y, z < 101; and said polymeric composition having a modulus approximately 4333 g/mm<sup>2</sup> or less; wherein said one or more aromatic or non-aromatic non-siloxy-based monomers are selected from the group consisting of 2-phenyloxyethyl methacrylate, 3,3-diphenylpropyl methacrylate, glyceryl methacrylate, 3-phenylpropyl acrylate, N,N-dimethylacrylamide, methyl methacrylate, 2-(1-naphthylethyl methacrylate) and 2-(2-naphthylethyl methacrylate).

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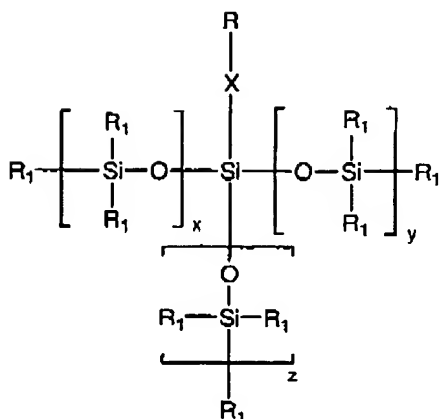
**Claim 12 (previously presented):** A polymeric composition produced through a copolymerization of one or more siloxysilane monomers with one or more hydrophobic monomers, said one or more siloxysilane comprising:



wherein R is a polymerizable group; X is selected from the group consisting of C<sub>1-10</sub> alkylene, C<sub>1-10</sub> alkyleneoxy, C<sub>6-36</sub> arylene and C<sub>6-36</sub> aryleneoxy; the R<sub>1</sub> groups are the same or different and are selected from the group consisting of C<sub>6-36</sub> aryl ether and C<sub>1-10</sub> alkyl ether; x, y, and z are the same or different non-negative integer less than 101; and said polymeric composition having a modulus approximately 4333 g/mm<sup>2</sup> or less; wherein said one or more hydrophobic monomers are selected from the group consisting of 2-ethylhexyl methacrylate, 3-methacryloyloxypropyldiphenylmethylsilane and 2-phenyloxyethyl methacrylate.

**Claim 13 (previously presented):** A polymeric composition produced through a copolymerization of one or more siloxysilane monomers with one or more hydrophilic monomers, said one or more siloxysilane comprising:

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wherein R is a polymerizable group; X is selected from the group consisting of C<sub>1-10</sub> alkylene, C<sub>1-10</sub> alkyleneoxy, C<sub>6-36</sub> arylene and C<sub>6-36</sub> aryleneoxy; the R<sub>1</sub> groups are the same or different and are selected from the group consisting of C<sub>6-36</sub> aryl ether and C<sub>1-10</sub> alkyl ether; x, y, and z are the same or different non-negative integer less than 101; and said polymeric composition having a modulus approximately 4333 g/mm<sup>2</sup> or less; wherein said one or more hydrophilic monomers are selected from the group consisting of N,N-dimethylacrylamide and N-methylacrylamide.

**Claims 14-18 (canceled)**

**Claim 19 (previously presented):** A polymeric composition produced through the copolymerization of one or more monomers of claim 7 with one or more aromatic or non-aromatic non-siloxy-based monomers and one or more strengthening agents.

**Claim 20 (previously presented):** A polymeric composition produced through the copolymerization of one or more monomers of claim 7 with one or more hydrophobic monomers and one or more strengthening agents.

**Claim 21 (previously presented):** A polymeric composition produced through the copolymerization of one or more monomers of claim 7 with one or more hydrophilic monomers and one or more strengthening agents.

**Claim 22 (previously presented):** A polymeric composition produced through the polymerization of one or more monomers of claim 7 with one or more strengthening agents.

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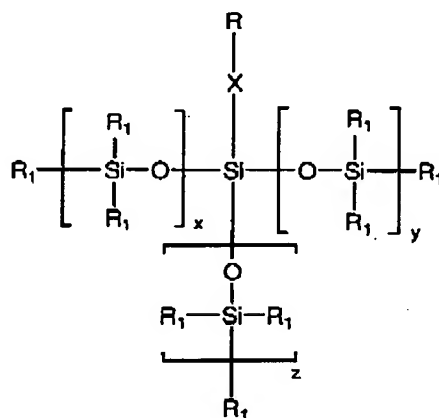
**Claim 23 (previously presented):** A polymeric composition produced through the copolymerization of one or more monomers of claim 7 with one or more aromatic or non-aromatic non-siloxy-based monomers and one or more crosslinking agents.

**Claim 24 (previously presented):** A polymeric composition produced through the copolymerization of one or more monomers of claim 7 with one or more hydrophobic monomers and one or more crosslinking agents.

**Claim 25 (previously presented):** A polymeric composition produced through the copolymerization of one or more monomers of claim 7 with one or more hydrophilic monomers and one or more crosslinking agents.

**Claim 26 (previously presented):** A polymeric composition produced through the polymerization of one or more monomers of claim 7 with one or more crosslinking agents.

**Claim 27 (previously presented):** A polymeric composition produced through a copolymerization of one or more siloxysilane monomers with one or more additional monomers and one or more strengthening agents; said one or more additional monomers being selected from the group consisting of aromatic or non-aromatic non-siloxy-based monomers, hydrophobic monomers, and hydrophilic monomers; said one or more siloxysilane monomers comprising:

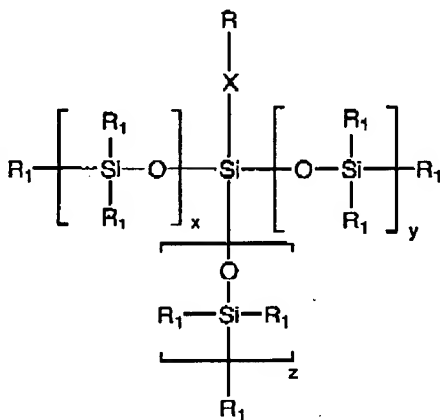


wherein R is a polymerizable group; X is selected from the group consisting of C<sub>1-10</sub> alkylene, C<sub>1-10</sub> alkyleneoxy, C<sub>6-36</sub> arylene and C<sub>6-36</sub> aryleneoxy; the R<sub>1</sub> groups are the same or

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different and are selected from the group consisting of  $C_{6-36}$  aryl ether and  $C_{1-10}$  alkyl ether; x, y, and z are the same or different non-negative integer less than 101; and said polymeric composition having a modulus approximately 4333 g/mm<sup>2</sup> or less; wherein said one or more strengthening agents are selected from the group consisting of cycloalkyl acrylates and cycloalkyl methacrylates.

**Claim 28 (previously presented):** A polymeric composition produced through a copolymerization of one or more siloxysilane monomers with one or more additional monomers and one or more cross crosslinking agents; said one or more additional monomers being selected from the group consisting of aromatic or non-aromatic non-siloxy-based monomers, hydrophobic monomers, and hydrophilic monomers; said one or more siloxysilane monomers comprising:



wherein R is a polymerizable group; X is selected from the group consisting of  $C_{1-10}$  alkylene,  $C_{1-10}$  alkyleneoxy,  $C_{6-36}$  arylene and  $C_{6-36}$  aryleneoxy; the  $R_1$  groups are the same or different and are selected from the group consisting of  $C_{6-36}$  aryl ether and  $C_{1-10}$  alkyl ether; x, y, and z are the same or different non-negative integer less than 101; and said polymeric composition having a modulus approximately 4333 g/mm<sup>2</sup> or less; wherein said one or more crosslinking agents are selected from the group consisting of diacrylates and dimethacrylates of triethylene glycol, butylene glycol, neopentyl glycol, ethylene glycol, hexane-1,6-diol and thio-diethylene glycol, trimethylolpropane triacrylate, N,N'-dihydroxyethylene bisacrylamide, diallyl phthalate, triallyl cyanurate, divinylbenzene; ethylene glycol divinyl ether, N,N'-methylene-bis-(meth)acrylamide, sulfonated divinylbenzene and divinylsulfone.